

KEVIN GAO

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SKILLS

- **Programming Languages and Frameworks**

HTML/CSS(Mastery), React/React Native/Redux(Proficiency),
JavaScript/Node.js(Proficiency), Python 3(Proficiency),
C/C++(Proficiency), Flask(Proficiency), Electron.js(Familiar),

- **Software and Tooling**

Git(Proficiency), Figma(Proficiency),
Adobe XD(Familiar), Jest.js(Familiar),
Google Cloud(Familiar), Azure(Familiar)

EDUCATION

SEPTEMBER 2021 – APRIL 2026 (EXPECTED GRADUATION DATE)

CANDIDATE FOR BACHELOR OF SOFTWARE ENGINEERING, UNIVERSITY OF WATERLOO

WORK EXPERIENCE

E-BUSINESS WEBSITE DEVELOPER, SANTORINI GRILL AND BAR ([SANTORININAPANEE.COM](https://santorininapanee.com))

JULY 2021 - CURRENT | REMOTE

- Optimized Shopify template by migrating to newer version to increase load times by 40%.
- Created new Shopify template to give website new look and features.

WEBSITE AND DESIGN LEAD, JAMHACKS ([WWW.JAMHACKS.CA](https://www.jamhacks.ca))

JULY 2020 –JUNE 2021 | REMOTE

- Designed UI/UX for 2021 website.
- Built the 2021 website including site architecture, styling, and animations

SOFTWARE ENGINEER INTERN, CHEAPREATS ([WWW.CHEAPREATS.COM](https://www.cheapreats.com))

JULY 2020 – AUGUST 2020 | REMOTE

- Added website sections and optimized website images, increasing load times by 20%
- Designed and integrated Google My Business listings into the vendor dashboard.

TECHNICAL PROJECTS

GALAXY GARDEN, [DESKTOP APPLICATION](#), [GITHUB](#), [DEVPOST](#)

Desktop app build with Electron.js and Three.js that creates procedurally generated solar system simulations that you can save as your desktop background.

ACREAGE CONTOUR, WEB APPLICATION, [GITHUB](#), [DEVPOST](#)

Web app built with React, Node.js, Flask, and PyTorch for automating drawing accurate land cover maps to help fight habitat destruction and fragmentation using machine learning.

SOCKMATCH, [MOBILE APPLICATION](#), [GITHUB](#), [DEVPOST](#)

Mobile App built with React Native, Flask, and PyTorch for detecting matching pairs of socks machine learning and image processing to aid the visually impaired.

GREEN ROUTE, [WEB APPLICATION](#), [GITHUB](#), [DEVPOST](#)

Web app built with Vanilla JavaScript, Flask, and Google Maps API for finding the most ecofriendly driving routes by taking in altitude and other factors into consideration.